## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#       | Hits | Search Query   | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|---------------------------|---------------------|---------|---------------------|
| L7         | 371  | porous near2<br>carbon adj fiber   | US-PGPUB;<br>USPAT        | OR                  | ON      | 2009/09/04<br>17:09 |
| L8         | 9    | porous near2<br>carbon adj fiber<br>and "442"/\$.ccls.   | US-PGPUB;<br>USPAT        | OR                  | ON      | 2009/09/04<br>17:09 |
| L9         | 56   | porous near2<br>carbon adj fiber<br>and "428"/\$.ccls.   | US-PGPUB;<br>USPAT        | OR                  | ON      | 2009/09/04<br>17:11 |
| L10        | 32   | "6099960" and porous and carbon  | US-PGPUB;<br>USPAT        | OR                  | ON      | 2009/09/04<br>17:12 |
| S1         | 45   | darrell near2<br>reneker   | US-PGPUB;<br>USPAT        | OR                  | OFF     | 2009/09/03<br>16:55 |
| \$2        | 19   | darrell near2<br>reneker and<br>(carbon carboniz<br>\$4)   | US-PGPUB;<br>USPAT        | OR                  | OFF     | 2009/09/03<br>16:55 |
| S3         | 5    | ("4668595"  <br>"5578543"  <br>"5611964"  <br>"5956225"  <br>"6495258").PN.  | US-PGPUB;<br>USPAT        | OR                  | OFF     | 2009/09/03<br>16:57 |
| S4         | 971  | (carbon adj<br>(nanofibril<br>nanofiber nanotube<br>nanorod<br>nanofilament) cnt<br>swnt mwnt) with<br>(mat fabric<br>nonwoven textile)                  | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2009/09/03<br>17:03 |
| <b>S</b> 5 | 188  | (carbon adj<br>(nanofibril<br>nanofiber nanotube<br>nanorod<br>nanofilament) cnt<br>swnt mwnt) with<br>(mat fabric<br>nonwoven textile)<br>same diameter | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2009/09/03<br>17:03 |

| <b>S6</b> | 39   | (carbon adj<br>(nanofibril<br>nanofiber nanotube<br>nanorod<br>nanofilament) cnt<br>swnt mwnt) with<br>(mat fabric<br>nonwoven textile)<br>same diameter and<br>(basis adj weight<br>unit adj area) | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/09/03<br>17:04 |
|-----------|------|---|---|----|-----|---------------------|
| S7        | 176  | (carbon adj<br>(nanofibril<br>nanofiber nanotube<br>nanorod<br>nanofilament) cnt<br>swnt mwnt) with<br>(mat fabric<br>nonwoven textile)<br>same diameter  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/09/03<br>17:25 |
| S8        | 4    | (buckypaper bucky<br>adj paper) with<br>porosity  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/09/03<br>17:34 |
| <b>S9</b> | 1571 | (hiroshi near2<br>sakurai ban near2<br>tstsuo hirata near2<br>masumi toru near2<br>sawaki kitahara<br>near2 mai nitta<br>near2 hideaki).in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/03<br>17:59 |
| S10       | 97   | (hiroshi near2 sakurai ban near2 tstsuo hirata near2 masumi toru near2 sawaki kitahara near2 mai nitta near2 hideaki).in. and carbon adj (fiber nanofiber microfiber nanotube)                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/03<br>17:59 |
| S11       | 1387 | teijin adj limited.as.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/04<br>11:40 |

| S12 | 172 | S11 and carbon<br>with (nanofiber<br>fiber nonwoven<br>fabric)      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/04<br>11:40 |
|-----|-----|---|---|----|----|---------------------|
| S13 | 61  | S11 and carbon<br>with (nanofiber<br>fiber nonwoven<br>fabric).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/04<br>11:40 |
| S14 | 324 | 442/340,349.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/04<br>12:29 |
| S15 | 135 | 442/340,349.ccls.<br>and (carbon<br>carbonac\$4)                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/04<br>12:30 |
| S16 | 25  | 442/349.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/04<br>12:46 |
| S17 | 1   | S16 not S15   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/04<br>12:46 |

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